

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- 6. The paper copy of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- 7. Other: \_\_\_\_\_

**Applicant Must Provide:**

- An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

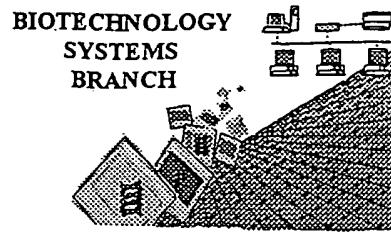
PatentIn Software Program Support (SIRA)

Technical Assistance.....703-287-0200

To Purchase PatentIn Software.....703-306-2600

**PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE**

1645



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/612,925B  
 Source: 1622  
 Date Processed by STIC: 2/24/2002

RECEIVED  
 AUG 01 2002  
 TECH CENTER 1600/2900

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
 

U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
 Or  
 U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002

**Raw Sequence Listing Error Summary**

**ERROR DETECTED**      **SUGGESTED CORRECTION**      **SERIAL NUMBER:** 09/612925B

**ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE**

1  Wrapped Nucleic  
    Wrapped Aminos      The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

2  Invalid Line Length      The rules require that a line not exceed 72 characters in length. This includes white spaces.

3  Misaligned Amino  
    Numbering      The numbering under each 5<sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

4  Non-ASCII      The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

5  Variable Length      Sequence(s) \_\_\_\_\_ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

6  PatentIn 2.0  
    "bug"      A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) \_\_\_\_\_. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.

7  Skipped Sequences  
    (OLD RULES)      Sequence(s) \_\_\_\_\_ missing. If intentional, please insert the following lines for each skipped sequence:  
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
This sequence is intentionally skipped  
  
Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.

8  Skipped Sequences  
    (NEW RULES)      Sequence(s) \_\_\_\_\_ missing. If intentional, please insert the following lines for each skipped sequence.  
<210> sequence id number  
<400> sequence id number  
000

9  Use of n's or Xaa's  
    (NEW RULES)      Use of n's and/or Xaa's have been detected in the Sequence Listing.  
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  
In <220> to <223> section, please explain location of n or Xaa; and which residue n or Xaa represents.

10  Invalid <213>  
    Response      Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial-Sequence

11  Use of <220>  
    - - - - -      Sequence(s) \_\_\_\_\_ missing the <220> "Feature" and associated numeric identifiers and responses.  
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)

12  PatentIn 2.0  
    "bug"      Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13  Misuse of n      n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.



1645

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/612,925B

DATE: 07/24/2002  
TIME: 14:24:11

Input Set : A:\sequence listing.txt  
Output Set: N:\CRF3\07242002\I612925B.raw

3 <110> APPLICANT: Cano, Carlos Antonio Durante  
 4 Nieto, Enrique Gerardo Guillen  
 5 Acosta, Anabel Alvarez  
 6 Munoz, Luis Emilio Carpio  
 7 Vazquez, Diogenes Quintana  
 8 Rodriguez, Carmen Elena Gomez Rodriguez  
 9 Rodriguez, Recardo de la Caridad Siva  
 10 Galvez, Consuelo Nazabal  
 11 Angulo, Maria de Jesus Leal  
 12 Dunn, Alejandro Miguel Martin  
 14 <120> TITLE OF INVENTION: System for the Expression of Heterologous Antigens as Fusion Proteins

16 <130> FILE REFERENCE: LEXSA P-13DIV2  
 18 <140> CURRENT APPLICATION NUMBER: 09/612,925B  
 19 <141> CURRENT FILING DATE: 2000-07-10  
 21 <150> PRIOR APPLICATION NUMBER: 08/930,917  
 22 <151> PRIOR FILING DATE: 1997-09-16  
 24 <150> PRIOR APPLICATION NUMBER: CU97/00001  
 25 <151> PRIOR FILING DATE: 1997-01-17  
 27 <160> NUMBER OF SEQ ID NOS: 21  
 29 <170> SOFTWARE: PatentIn version 3.1  
 31 <210> SEQ ID NO: 1  
 32 <211> LENGTH: 47  
 33 <212> TYPE: PRT  
 34 <213> ORGANISM: Neisseria meningitidis  
 36 <400> SEQUENCE: 1

38 Met Leu Asp Lys Arg Met Ala Leu Val Glu Leu Lys Val Pro Asp Ile  
 39 1 5 10 15  
 42 Gly Gly His Glu Asn Val Asp Ile Ile Ala Val Glu Val Asn Val Gly  
 43 20 25 30  
 46 Asp Thr Ile Ala Val Asp Asp Thr Leu Ile Thr Leu Glu Thr Asp  
 47 35 40 45

50 <210> SEQ ID NO: 2  
 51 <211> LENGTH: 18  
 52 <212> TYPE: PRT  
 53 <213> ORGANISM: Neisseria meningitidis  
 55 <400> SEQUENCE: 2

57 Thr Thr Cys Cys Ala Thr Gly Gly Thr Ala Gly Ala Thr Ala Ala Ala  
 58 1 5 10 15  
 61 Ala Gly  
 65 <210> SEQ ID NO: 3  
 66 <211> LENGTH: 18  
 67 <212> TYPE: PRT  
 68 <213> ORGANISM: Neisseria meningitidis

Does Not Comply  
Corrected Diskette Needed

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/612,925B

DATE: 07/24/2002  
TIME: 14:24:11

Input Set : A:\sequence listing.txt  
Output Set: N:\CRF3\07242002\I612925B.raw

70 <400> SEQUENCE: 3  
72 Thr Thr Thr Cys Thr Ala Gly Ala Thr Cys Cys Ala Ala Ala Gly Thr  
73 1 5 10 15  
76 Ala Ala  
80 <210> SEQ ID NO: 4  
81 <211> LENGTH: 26  
82 <212> TYPE: PRT  
83 <213> ORGANISM: Neisseria meningitidis  
85 <400> SEQUENCE: 4  
87 Gly Gly Cys Gly Gly Thr Thr Cys Thr Gly Cys Cys Gly Ala Thr Thr  
88 1 5 10 15  
91 Ala Ala Gly Gly Ala Thr Cys Cys Gly Ala  
92 20 25  
95 <210> SEQ ID NO: 5  
96 <211> LENGTH: 146  
97 <212> TYPE: PRT  
98 <213> ORGANISM: Neisseria meningitidis  
100 <400> SEQUENCE: 5  
102 Thr Thr Cys Cys Ala Thr Gly Gly Thr Ala Gly Ala Thr Ala Ala Ala  
103 1 5 10 15  
106 Ala Gly Ala Ala Thr Gly Gly Cys Thr Thr Ala Gly Thr Thr Gly  
107 20 25 30  
110 Ala Ala Thr Thr Gly Ala Ala Gly Thr Gly Cys Cys Cys Gly Ala  
111 35 40 45  
114 Cys Ala Thr Thr Gly Gly Cys Gly Ala Cys Ala Cys Gly Ala Ala  
115 50 55 60  
118 Ala Ala Thr Gly Thr Ala Gly Ala Thr Ala Thr Thr Ala Thr Cys Gly  
119 65 70 75 80  
122 Cys Gly Gly Thr Thr Gly Ala Ala Gly Thr Ala Ala Ala Cys Gly Thr  
123 85 90 95  
126 Gly Gly Gly Cys Gly Ala Cys Ala Cys Thr Ala Thr Thr Gly Cys Thr  
127 100 105 110  
130 Gly Thr Gly Gly Ala Cys Gly Ala Thr Ala Cys Cys Cys Thr Gly Ala  
131 115 120 125  
134 Thr Thr Ala Cys Thr Thr Gly Gly Ala Thr Cys Thr Ala Gly Ala  
135 130 135 140  
138 Ala Ala  
139 145  
142 <210> SEQ ID NO: 6  
143 <211> LENGTH: 47  
144 <212> TYPE: PRT  
145 <213> ORGANISM: Neisseria meningitidis  
147 <400> SEQUENCE: 6  
149 Met Val Asp Lys Arg Met Ala Leu Val Glu Leu Lys Val Pro Asp Ile  
150 1 5 10 15  
153 Gly Gly His Glu Asn Val Asp Ile Ile Ala Val Glu Val Asn Val Gly  
154 20 25 30  
157 Asp Thr Ile Ala Val Asp Asp Thr Leu Ile Thr Leu Asp Leu Glu  
158 35 40 45

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/612,925B

DATE: 07/24/2002  
TIME: 14:24:11

Input Set : A:\sequence listing.txt  
Output Set: N:\CRF3\07242002\I612925B.raw

161 <210> SEQ ID NO: 7  
162 <211> LENGTH: 16  
163 <212> TYPE: PRT  
164 <213> ORGANISM: Neisseria meningitidis  
166 <400> SEQUENCE: 7  
168 Cys Thr Ala Gly Ala Thr Thr Thr Gly Ala Thr Ala Thr Cys Ala Gly  
169 1 5 10 15  
172 <210> SEQ ID NO: 8  
173 <211> LENGTH: 16  
174 <212> TYPE: PRT  
175 <213> ORGANISM: Neisseria meningitidis  
177 <400> SEQUENCE: 8  
179 Gly Ala Thr Cys Cys Thr Gly Ala Thr Ala Thr Cys Ala Ala Ala Thr  
180 1 5 10 15  
183 <210> SEQ ID NO: 9  
184 <211> LENGTH: 15  
185 <212> TYPE: PRT  
186 <213> ORGANISM: Human immunodeficiency virus type 1  
188 <400> SEQUENCE: 9  
190 Ser Arg Gly Ile Arg Ile Gly Pro Gly Arg Ala Ile Leu Ala Thr  
191 1 5 10 15  
194 <210> SEQ ID NO: 10  
195 <211> LENGTH: 15  
196 <212> TYPE: PRT  
197 <213> ORGANISM: Human immunodeficiency virus type 1  
199 <400> SEQUENCE: 10  
201 Arg Gln Ser Thr Pro Ile Gly Leu Gly Gln Ala Leu Tyr Thr Thr  
202 1 5 10 15  
205 <210> SEQ ID NO: 11  
206 <211> LENGTH: 15  
207 <212> TYPE: PRT  
208 <213> ORGANISM: Human immunodeficiency virus type 1  
210 <400> SEQUENCE: 11  
212 Arg Lys Ser Ile Thr Lys Gly Pro Gly Arg Val Ile Tyr Ala Thr  
213 1 5 10 15  
216 <210> SEQ ID NO: 12  
217 <211> LENGTH: 15  
218 <212> TYPE: PRT  
219 <213> ORGANISM: Human immunodeficiency virus type 1  
221 <400> SEQUENCE: 12  
223 Arg Lys Arg Ile His Ile Gly Pro Gly Arg Ala Phe Tyr Thr Thr  
224 1 5 10 15  
227 <210> SEQ ID NO: 13  
228 <211> LENGTH: 15  
229 <212> TYPE: PRT  
230 <213> ORGANISM: Human immunodeficiency virus type 1  
232 <400> SEQUENCE: 13  
234 Arg Lys Arg Ile Thr Met Gly Pro Gly Arg Val Tyr Tyr Thr Thr  
235 1 5 10 15

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/612,925B

DATE: 07/24/2002  
TIME: 14:24:11

Input Set : A:\sequence listing.txt  
Output Set: N:\CRF3\07242002\I612925B.raw

238 <210> SEQ ID NO: 14  
239 <211> LENGTH: 15  
240 <212> TYPE: PRT  
241 <213> ORGANISM: Human immunodeficiency virus type 1  
243 <400> SEQUENCE: 14  
245 Ser Ile Arg Ile Gln Arg Gly Pro Gly Arg Ala Phe Val Thr Ile  
246 1 5 10 15  
249 <210> SEQ ID NO: 15  
250 <211> LENGTH: 15  
251 <212> TYPE: PRT  
252 <213> ORGANISM: Human immunodeficiency virus type 1  
254 <400> SEQUENCE: 15  
256 Thr Ser Ile Thr Ile Gly Pro Gly Gln Val Phe Tyr Arg Thr Gly  
257 1 5 10 15  
260 <210> SEQ ID NO: 16  
261 <211> LENGTH: 15  
262 <212> TYPE: PRT  
263 <213> ORGANISM: Human immunodeficiency virus type 1  
265 <400> SEQUENCE: 16  
267 Arg Gln Arg Thr Ser Ile Gly Gln Gly Gln Ala Leu Tyr Thr Thr  
268 1 5 10 15  
271 <210> SEQ ID NO: 17  
272 <211> LENGTH: 5  
273 <212> TYPE: PRT  
274 <213> ORGANISM: unidentified  
276 <400> SEQUENCE: 17  
278 Ala Gly Gly Gly Ala  
279 1 5  
282 <210> SEQ ID NO: 18  
283 <211> LENGTH: 141  
284 <212> TYPE: PRT  
285 <213> ORGANISM: Human immunodeficiency virus type 1  
287 <400> SEQUENCE: 18  
289 Cys Ala Pro Thr Ser Ser Thr Ala Gln Thr Gln Leu Gln Leu Glu  
290 1 5 10 15  
293 His Leu Leu Leu Asp Leu Gln Ile Phe Leu Ser Arg Gly Ile Arg Ile  
294 20 25 30  
297 Gly Pro Gly Arg Ala Ile Leu Ala Thr Ala Gly Gly Gly Ala Arg Gln  
298 35 40 45  
301 Ser Thr Pro Ile Gly Leu Gly Gly Ala Leu Tyr Thr Ala Gly Gly  
302 50 55 60  
305 Gly Ala Arg Lys Ser Ile Thr Lys Gly Pro Gly Arg Val Ile Tyr Ala  
306 65 70 75 80  
309 Thr Ala Gly Gly Ala Arg Lys Arg Ile His Ile Gly Pro Gly Arg  
310 85 90 95  
313 Ala Phe Tyr Thr Thr Ala Gly Gly Ala Arg Lys Arg Ile Thr Met  
314 100 105 110  
317 Gly Pro Gly Arg Val Tyr Tyr Thr Thr Ala Gly Gly Ala Ser Ile  
318 115 120 125

invalid response - see item 10 on Error  
summary  
sheet

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/612,925B

DATE: 07/24/2002  
 TIME: 14:24:11

Input Set : A:\sequence listing.txt  
 Output Set: N:\CRF3\07242002\I612925B.raw

321 Arg Ile Gln Arg Gly Pro Gly Arg Ala Phe Val Thr Ile  
 322 130 135 140  
 325 <210> SEQ ID NO: 19  
 326 <211> LENGTH: 162  
 327 <212> TYPE: PRT  
 328 <213> ORGANISM: Human immunodeficiency virus type 1  
 330 <400> SEQUENCE: 19  
 332 Met Val Asp Lys Arg Met Ala Leu Val Glu Leu Lys Val Pro Asp Ile  
 333 1 5 10 15  
 336 Gly Gly His Glu Asn Val Asp Ile Ile Ala Val Glu Val Asn Val Gly  
 337 20 25 30  
 340 Asp Thr Ile Ala Val Asp Asp Thr Leu Ile Thr Leu Asp Leu Asp Ser  
 341 35 40 45  
 344 Arg Gly Ile Arg Ile Gly Pro Gly Arg Ala Ile Leu Ala Thr Ala Gly  
 345 50 55 60  
 348 Gly Gly Ala Arg Gln Ser Thr Pro Ile Gly Leu Gly Gly Ala Leu Tyr  
 349 65 70 75 80  
 352 Thr Thr Ala Gly Gly Ala Arg Lys Ser Ile Thr Lys Gly Pro Gly  
 353 85 90 95  
 356 Arg Val Ile Tyr Ala Thr Ala Gly Gly Ala Arg Lys Arg Ile His  
 357 100 105 110  
 360 Ile Gly Pro Gly Arg Ala Phe Tyr Thr Thr Ala Gly Gly Ala Arg  
 361 115 120 125  
 364 Lys Arg Ile Thr Met Gly Pro Gly Arg Val Tyr Tyr Thr Thr Ala Gly  
 365 130 135 140  
 368 Gly Gly Ala Ser Ile Arg Ile Gln Arg Gly Pro Gly Arg Ala Phe Val  
 369 145 150 155 160  
 372 Thr Ile  
 376 <210> SEQ ID NO: 20  
 377 <211> LENGTH: 202  
 378 <212> TYPE: PRT  
 379 <213> ORGANISM: Human immunodeficiency virus type 1  
 381 <400> SEQUENCE: 20  
 383 Met Val Asp Lys Arg Met Ala Leu Val Glu Leu Lys Val Pro Asp Ile  
 384 1 5 10 15  
 387 Gly Gly His Glu Asn Val Asp Ile Ile Ala Val Glu Val Asn Val Gly  
 388 20 25 30  
 391 Asp Thr Ile Ala Val Asp Asp Thr Leu Ile Thr Leu Asp Leu Asp Ser  
 392 35 40 45  
 395 Arg Gly Ile Arg Ile Gly Pro Gly Arg Ala Ile Leu Ala Thr Ala Gly  
 396 50 55 60  
 399 Gly Gly Ala Arg Gln Ser Thr Pro Ile Gly Leu Gly Gln Ala Leu Tyr  
 400 65 70 75 80  
 403 Thr Thr Ala Gly Gly Ala Arg Lys Ser Ile Thr Lys Gly Pro Gly  
 404 85 90 95  
 407 Arg Val Ile Tyr Ala Thr Ala Gly Gly Ala Arg Lys Arg Ile His  
 408 100 105 110  
 411 Ile Gly Pro Gly Arg Ala Phe Tyr Thr Thr Ala Gly Gly Gly Ala Arg  
 412 115 120 125

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/612,925B

DATE: 07/24/2002

TIME: 14:24:12

Input Set : A:\sequence listing.txt  
Output Set: N:\CRF3\07242002\I612925B.raw